

Low Voltage, High Efficiency Ventilated Transformers

Dry Type Three Phase Ventilated Transformers to NRCAN 2019 Standards

Product

Atlas Transformer now offers a full line of three phase Ventilated Dry Type Transformers designed to meet the highest industry standards for quality, durability, and reliability in the commercial, industrial, and OEM markets.

Applications

- For general loads, indoors or out, including lighting, industrial and commercial applications

Specifications

- Meets C802.2.14 Standard for energy efficiency
- 15 – 1,000 kVA range
- NEMA 3R enclosure for indoor or outdoor use
- 60 Hz
- Aluminum windings
- 150°C temperature rise
- 220°C insulation class
- Heat-cured ASA-61 gray powder coating finish
- Cores of high quality electrical steel
- UL rated / CSA approved

Features, Functions, Benefits

- Space saving design for easy handling and installation
- Termination lugs provided with transformer through 75 kVA three-phase
- Vibration isolation pads provide quiet operation
- Staggered front loop taps for easy connection
- On site inventory for fast delivery



Standards

- Meets NRCAN 2019 requirements for energy efficiency
 - January 1, 2018 Ontario requirements
 - Canada-wide May 1, 2019 requirements
- Built in accordance with NEMA, ANSI, UL and CSA standards

Options and Accessories

Consult our engineers for more information

- 115°C, 80°C temperature rise
- 50 Hz
- Copper windings
- Special impedance
- Reduced noise level
- Enclosures NEMA 4, 4X, 12, 12X
- Electrostatic shields
- K factors: K4, K9, K13, K20
- Special Voltages
- Models with CE Marking are available on request

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General purpose C802.2.14 efficient models

Primary as listed below. Secondary: 208Y / 120V										
kVA	480V Δ	Primary Tap Configurations		600V Δ	Primary Tap Configurations		Dimensions (inches)			Weight (lbs)
		FCAN	FCBN		FCAN	FCBN	Height	Width	Depth	
15	423-4903-886	2 @ 2.5%	4 @ 2.5%	423-4903-875	2 @ 2.5%	2 @ 2.5%	22	19	21	215
30	423-4903-887	2 @ 2.5%	4 @ 2.5%	423-4903-876	2 @ 2.5%	2 @ 2.5%	25	22	22	330
45	423-4903-888	2 @ 2.5%	4 @ 2.5%	423-4903-877	2 @ 2.5%	2 @ 2.5%	28	25	23.5	415
75	423-4903-889	2 @ 2.5%	4 @ 2.5%	423-4903-878	2 @ 2.5%	2 @ 2.5%	32	27	26	585
112.5	423-4903-890	2 @ 2.5%	4 @ 2.5%	423-4903-879	2 @ 2.5%	2 @ 2.5%	38	29	29	795
150	423-4903-891	2 @ 2.5%	4 @ 2.5%	423-4903-880	2 @ 2.5%	2 @ 2.5%	42	33	32.5	1,035
225	423-4903-892	2 @ 2.5%	4 @ 2.5%	423-4903-881	2 @ 2.5%	2 @ 2.5%	46	35	37	1,430
300	423-4903-893	2 @ 2.5%	4 @ 2.5%	423-4903-882	2 @ 2.5%	2 @ 2.5%	52	35	37	1,755
500	423-4903-894	2 @ 2.5%	2 @ 2.5%	423-4903-883	2 @ 2.5%	2 @ 2.5%	60	48	43.5	2,760
750	423-4903-895	2 @ 2.5%	2 @ 2.5%	423-4903-884	2 @ 2.5%	2 @ 2.5%	72	52	44	4,150
1,000	423-4903-896	2 @ 2.5%	2 @ 2.5%	423-4903-885	2 @ 2.5%	2 @ 2.5%	81	66	61	6,000

Dimensions subject to change without notice. Consult factory if exact measurements are critical.